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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/561,022
Filing Date	December 16, 2005
First Named Inventor	Tadao Saito
Art Unit	1646
Examiner Name	Zachary C. Howard
Attorney Docket Number	SPO-124

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U1	US-			
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			
	U10	US-			
	U11	US-			
	U12	US-			
	U13	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	F1	JP 2002-526028	08-20-2002	GENENTECH INC.	All	
	F2	WO 99/20756 A	04-29-1999	GENENTECH INC.	All	
	F3	WO 03/031573 A2	04-17-2003	COLEY PHARMACEUTICAL GMBH	All	
	F4					
	F5					
	F6					
	F7					

Examiner Signature	/Zachary Howard/	Date Considered	08/19/2011
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	Database GenBank Accsion No. AB071394, "Sus scrofa TLR9 mRNA for Toll-like receptor 9, complete cds," May 21, 2003.	
	R2	Database GenBank Accsion No. AY392087, "Sus scrofa toll-like receptor 2 mRNA, complete cds," November 1, 2003	
	R3	CHABOT, S., et al., "TLRs Regulate the Gatekeeping Functions of the Intestinal Follicle-Associate Epithelium," <i>J Immunol</i> , April 1, 2006, pp. 4275-4283, Vol. 176, No. 7.	
	R4	KITAZAWA, H., et al., "Discovery of immunostimulatory DNA motifs from lactic acid bacteria and their application to 'Bio-Defense Foods'," <i>Journal of the agricultural chemical society of Japan</i> , 2002, pp. 833-836, Vol. 76, No. 9.	X
	R5	SHIMOSATO, T., et al., "Toll-like receptor 9 is expressed on follicle-associated epithelia containing M cells in swine Peyer's patches," <i>Immunol Lett.</i> , April 15, 2005, pp. 83-89, Vol. 98, No. 1.	
	R6	SHINKAI, H., et al., "Biased distribution of single nucleotide polymorphisms (SNPs) in porcine Toll-like receptor 1 (TLR1), TLR2, TLR4, TLR5, and TLR6 genes," <i>Immunogenetics</i> , May 2006, pp. 324-330, Vol. 58, No. 4.	
	R7	TOHNO, M., et al., "Toll-like receptor 2 is expressed on the intestinal M cells in swine," <i>Biochem Biophys Res Commun.</i> , May 6, 2005, pp. 547-554, Vol. 330, No. 2.	
	R8		
	R9		
	R10		

Examiner Signature	/Zachary Howard/	Date Considered	08/19/2011
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